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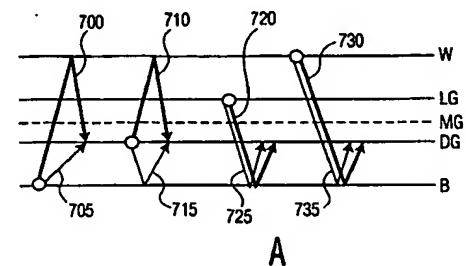
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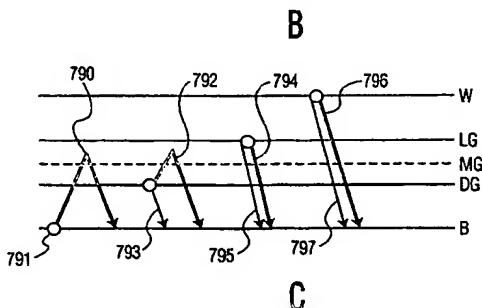
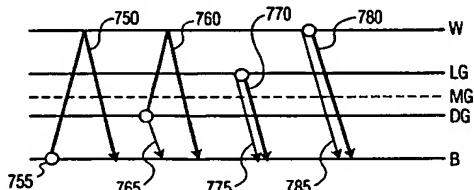
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(54) Title: DRIVING SCHEME FOR A BI-STABLE DISPLAY WITH IMPROVED GREYSCALE ACCURACY



(57) Abstract: An image is updated on a bi-stable display (310) such as an electrophoretic display by driving the display from a current optical state to a reference optical state, and then to a final optical state. The optical state may be greyscale or color states. The reference state is selected based on the current state rather than the final state. In one possible case, a reference state is white (W) when a current state is between full black (B) and middle grey (MG). In another case, the reference state may be a middle grey point (MG) for image transitions to black (B) when the current state is between full black and middle grey (transitions 792, 794, 796, 798), or for image transitions to white (W) when the current state is between full white and middle grey.





GM, KE, LS, MW, MZ, NA, SD, SI, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations*

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